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(71) Applicant (for all designated States except US): GEOX S.P.A. [IT/IT]; Via Feltrina Centro, 16, I-31044 Montebelluna, Località Biadene - (Treviso) (IT).

(72) Inventors; and

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(75) Inventors/Applicants (for US only): POLEGATO MORETTI, Mario [IT/IT]: Via Antonini, 7, I-31035 Crocetta del Montello (IT). FERRARESE, Antonio [IT/IT]; Via Rimembranza, 23, I-37063 Isola Della Scala (IT).

(74) Agent: MODIANO, Guido; Modiano & Associati, Via Mcravigli, 16, I-20123 Milano (IT).

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(54) Title: WATERPROOF AND BREATHABLE SOLE FOR SHOES

(57) Abstract: Waterproof and breathable sole for shoes, having a structure that comprises: a mid-sole component (10, 110) with a membrane (11, 111) made of a material that is impermeable to water and permeable to water vapor and is connected in spots with a lower protective layer (14, 114) made of a material that is resistant to hydrolysis, water-repellent, breathable and/or perforated: a tread (15, 115) made of perforated elastomer that is joined perimetrically and hermetically to the component (10, 110); said membrane (11, 111) being associated with said protective layer (14, 114) by way of a thermoreactive adhesive (13, 113).

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GM, HR, HU, ID, II., IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,

MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,

SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,

SD, SE, SG, SK. SL. SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW. (84) Designated States (regional): ARIPO patent (GII, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IIU, IE, IT, LU, MC, NL, PT, RO,

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A43B7/12											
According to International Patent Classification (IPC) or to both national classification and IPC											
B. FIELDS	SEARCHED										
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	ala base consulted during the international search (name of data ba ternal, WPI Data, PAJ	se and, where practical,	search lerms used)								
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Y Further documents are listed in the continuation of box C.											
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	European Pateni Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (-31-70) 340-2040, Tx. 31 651 epo nl,	04									
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